



ADVT. NO.: 67/2017

**(APPLY ON OR BEFORE NOVEMBER 05, 2017)**

**[Positions under Funded Project purely on Temporary and Contractual Basis]**

Indian Institute of Science Education and Research Pune is a premier autonomous Institution established by the Ministry of Human Resource Development, Government of India, for the promotion of high-quality science education and research in the country.

Institute invites applications from Indian nationals having excellent academic record for the following position purely on temporary and contractual basis under the funded project:

Name of the Post	Research Associate
Number of posts	01 (One)
Name of the Project	“Role of structure, metal-carbon stoichiometry and defects on reactivity of transition metal clusters supported on metal carbides and MXenes for selective hydrogenation of CO <sub>2</sub> to methanol: an ab initio study”
Funding Agency	Department of Science and Technology, Govt. of India
Project Code	<b>30117324</b>
Minimum educational Qualifications	PhD. in Chemistry / Physics / Material Science or any other related areas. Candidates, who have submitted Ph.D. thesis will also be considered, provided they submit proof of submission of thesis at the time of interview.
Preference	Experience in performing Kinetic Monte Carlo simulations to study reaction kinetics.
Job requirement	Proven expertise in performing DFT based simulations, computing reaction barriers using Nudged Elastic Band methods.
Tenure of the appointment	Initially for a period of one year which may be extended subject to continuation of the project and satisfactory performance of the incumbent.
Consolidated emoluments	1] Candidates who have submitted Ph.D. thesis if get selected will be offered Rs. 28, 000/- + 30% HRA. On submission of Ph.D. Degree certificate emoluments will be revised to Rs. 36, 000/- + 30% HRA. 2] Candidates with Ph.D. will be paid Rs. 36,000/- + 30% HRA to Rs. 40,000/- + 30% HRA based on experience.
Age	Not more than 35 years as on closing date of advertisement.
Last date of application	<b>November 05, 2017</b>

## **HOW TO APPLY:**

- Interested candidates should send the application by email in the prescribed format available below this advertisement by email (**convert into PDF Format**) addressed to **pghosh@iiserpune.ac.in** on or before **November 05, 2017**. Please mention **“Research Associate, Proj. Code: 30117324”** in the subject line of the email.
- List of shortlisted candidates for selection process with details of date, time and venue will be put up on the institute website below this advertisement and candidates will be informed by **e-mail** only.
- The print out of the application form sent by email signed and dated by the applicant along with recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, experience etc. will be collected at the time of selection process. Applicant must bring all the original certificates at the time of selection process for the purpose of verification, along with one set of self-attested photocopies.

## **General Information / details about the post**

1. Appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the project.
2. The appointed person shall have no claim of appointment / absorption in Funding Agency or in IISER Pune.
3. Appointment of the applicant will be governed by the terms and conditions of the funding agency particularly applicable to the said project.
4. The qualification prescribed should have been obtained from recognized Universities / Institutions.
5. The prescribed educational qualifications are the bare minimum and mere possession of same does not entitle candidates to be called for interview. Where number of applications received in response to this advertisement is large, it may not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the Project Investigator may restrict the number of candidates to be called for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field at the time of applying.
6. No TA/DA will be admissible for appearing for the interview.
7. Selected candidates will have to join duty immediately on receipt of the offer.
8. Reservation as per Govt. of India norms will be followed.
9. No interim enquiries / correspondence / communication of any sort will be entertained on the matter.
10. Canvassing in any form and / or bringing any influence, political, or otherwise, will be treated as a disqualification for the post applied for.